


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

St. Louis, Missouri

CERTIFICATE OF MAILING

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In re application of: :
Milbrant and Baloh :
Serial No.: 09/473,551 : Examiner Olga N. Chernyshev
Filed: December 28, 1999 : Group Art Unit 1646
For: GFR(alpha)1-RET SPECIFIC AGONISTS :
AND METHODS THEREFOR :

BOX FEE AMENDMENT
Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

EXHIBIT B

Alignment of mouse, rat and human persephins according to parameters set out in specification of U.S.
Application No. 09/473,551

		1	15 16	30 31	45
mouse	PSP (SEQ ID NO:2)	CRLWSLTLPVAELGL	GYASEEKVIFRYCAG	SCPQEARTQHSLVLA	
rat	PSP (SEQ ID NO:3)	CRLWSLTLPVAELGL	GYASEEKIIFRYCAG	SCPQEVRTQHSLVLA	
human	PSP (SEQ ID NO:1)	CQLWSLTLSVAELGL	GYASEEKVIFRYCAG	SCPRGARTQHGLALA	
		46	60 61	75 76	90
mouse	PSP (SEQ ID NO:2)	RLRGRGRAHGRPCCQ	PTSYADVTFLLDDQHH	WQQLPQLSAAACGC	89
rat	PSP (SEQ ID NO:3)	RLRGQGRAHGRPCCQ	PTSYADVTFLLDDHHH	WQQLPQLSAAACGC	89
human	PSP (SEQ ID NO:1)	RLQGQGRAHGGPCCR	PTRYTDVAFLDDRHR	WQRLPQLSAAACGC	89